

a voltage regulator coupled to the at least one capacitor and the secure encryption key memory.

[51 (c51)]

The system of claim 50, wherein the at least one capacitor includes a plurality of capacitors.

[52 (c52)]

The system of claim 50, further comprising a diode disposed between the programming voltage supply unit and the RF transceiver.

[53 (c53)]

The system of claim 50, further comprising a battery coupled to the programming voltage supply unit.

[54 (c54)]

The system of claim 50, further comprising a normal voltage supply unit, the normal voltage supply unit including:

at least one second capacitor coupled to the RF transceiver; and

a second voltage regulator coupled to the at least one second capacitor and the secure encryption key memory.

[55 (c55)]

The system of claim 50, further comprising a switch disposed between the programming voltage supply unit and the secure encryption key memory, the programming voltage being supplied to the secure encryption key memory when the switch is closed.

[56 (c56)]

The system of claim 43, further comprising:

a battery coupled to the RF transceiver of the electronic terminal;

at least one capacitor coupled to the battery, the at least one capacitor being charged by the battery to generate a programming voltage, whereby the secure encryption key memory is enabled to store the at least one data communications encryption key transmitted by the device communications unit; and

a voltage regulator coupled to the at least one capacitor.

[57 (c57)]

The system of claim 56, further comprising a switch disposed between the at least one capacitor and the secure encryption key memory, the programming voltage being supplied to the secure encryption key memory when the switch is closed.

[h6] **Abstract of the Disclosure**

[p37] A portable encryption key installation system is disclosed that includes a portable

keying device for installing a data communications encryption key in an electronic terminal. The portable keying device securely reprograms the encryption key in the electronic terminal without having to remove the terminal from its shipping container or ship the electronic terminal off-site. Furthermore, the portable keying device securely reprograms the encryption key in the electronic terminal without having to dismantle the terminal, de-activate any anti-tampering features, or re-bond the terminal.

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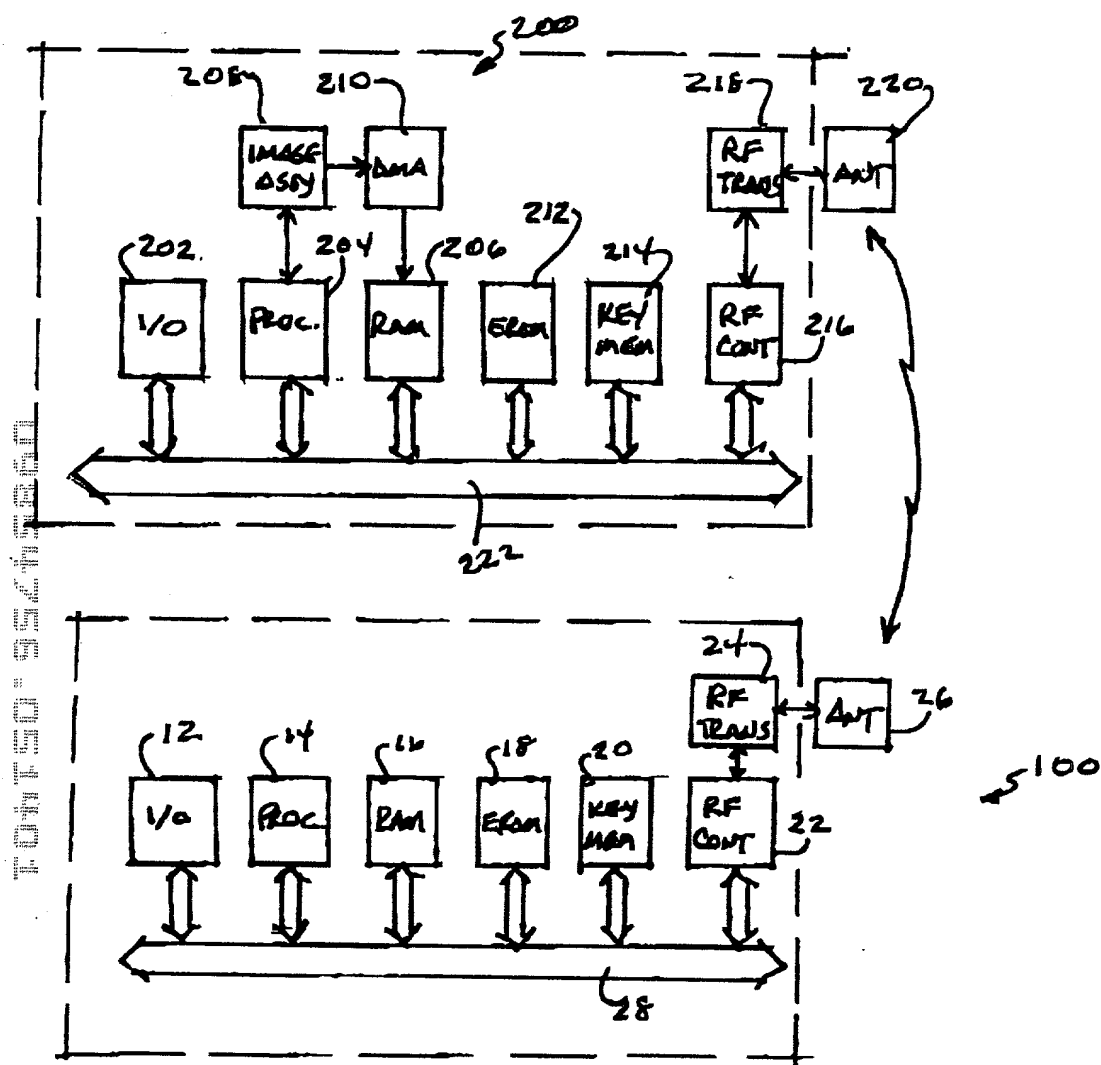


FIGURE 1